



7/21/2004

PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

|  |   |                        |                        |
|--|---|------------------------|------------------------|
| Total Number of Pages in This Submission | 5 | Application Number     | 10/814,494-Conf. #6456 |
|  |   | Filing Date            | March 31, 2004         |
|  |   | First Named Inventor   | Peter D. Gunn          |
|  |   | Art Unit               | 2641                   |
|  |   | Examiner Name          | Not Yet Assigned       |
|  |   | Attorney Docket Number | 030048122US            |

## ENCLOSURES (Check all that apply)

|  |   |   |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance communication to Technology Center (TC)        |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply                                     | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney                                | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Terminal Disclaimer                              | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Request for Refund                               | Return Postcard<br>SB08 (2 sheets)<br>Cited References (8 enclosed)                     |
| <input checked="" type="checkbox"/> Information Disclosure Statement         | <input type="checkbox"/> CD, Number of CD(s) _____                        |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              |   |   |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application   |   |   |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |
|  | <b>Remarks</b>  |   |

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|                         |  |
|-------------------------|--|
| Firm or Individual name | PERKINS COIE LLP<br>John M. Wechkin - 42,216 |
| Signature               |  |
| Date                    | July 21, 2004                                |

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV336669210US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 7/21/2004

Signature:

Melody Almberg (Melody Almberg)

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV33669210US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

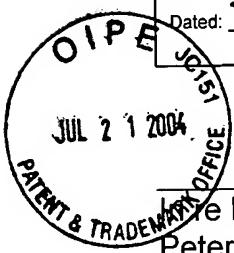
Dated: 7/21/04

Signature: Melody Amberg  
(Melody Amberg)

Docket No.: 030048122US

Client Ref No. 03-1376  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



The Patent Application of:  
Peter D. Gunn et al.

Application No.: 10/814,494

Confirmation No.: 6456

Filed: March 31, 2004

Art Unit: 2641

For: METHODS AND SYSTEMS FOR  
DISPLAYING ASSISTANCE MESSAGES  
TO AIRCRAFT OPERATORS

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of only those references listed below is attached:

| For. Doc No. | Ctry | Patentee/Applicant      | Publication Date |
|--------------|------|-------------------------|------------------|
| WO 02/24530  | PCT  | Honeywell International | March 28, 2002   |

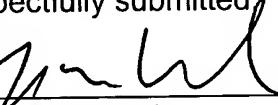
|           |    |                                    |                 |
|-----------|----|------------------------------------|-----------------|
|           |    | Inc.                               |                 |
| 0 489 521 | EP | Smiths Industries Public<br>Ltd Co | June 10, 1992   |
| 0 370 640 | EP | Smiths Industries Public<br>Ltd Co | May 30, 1990    |
| 886,136   | GB | Majendie                           | January 3, 1962 |

| Other Documents  |
|--|
| Lindenfeld, Ron, "What is an FMS?", Flight Management Systems (5 pages); <a href="http://www.ultranet.com/~marzgold//FAQ-FMS.html">http://www.ultranet.com/~marzgold//FAQ-FMS.html</a> ; [Accessed 6/3/02] |
| 777 Flight Deck (1 page);<br><a href="http://www.meriweather.com/777/777_main.html">http://www.meriweather.com/777/777_main.html</a> ; [Accessed 1/28/03]  |
| Hutchins, Edwin, "The Integrated Mode Management Interface," Department of Cognitive Science, University of California, San Diego, September 17, 1996  |
| Meriweather's Flight Deck Acronyms & Definitions (4 pages);<br><a href="http://www.meriweather.com/fd/def.html">http://www.meriweather.com/fd/def.html</a> ; [Accessed 6/3/02]                             |

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 030048122US.

Dated: July 21, 2004

Respectfully submitted

By 

John M. Wechkin

Registration No.: 42,216

PERKINS COIE LLP

P.O. Box 1247

Seattle, Washington 98111-1247

(206) 359-3257

(206) 359-7198 (Fax)

Attorney for Applicant



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|  |   |    |   |                          |                        |
|--|---|----|---|--------------------------|------------------------|
| Substitute for form 1449A/B/PTO  |   |    |   | <b>Complete if Known</b> |                        |
| <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |   |    |   | Application Number       | 10/814,494-Conf. #6456 |
|  |   |    |   | Filing Date              | March 31, 2004         |
|  |   |    |   | First Named Inventor     | Peter D. Gunn          |
|  |   |    |   | Art Unit                 | 2641                   |
|  |   |    |   | Examiner Name            | Not Yet Assigned       |
| Sheet  | 1 | of | 2 | Attorney Docket Number   |                        |
| 030048122US  |   |    |   |                          |                        |

| <b>U.S. PATENT DOCUMENTS</b> |                       |  |                                |  |   |
|------------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials*           | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or Relevant<br>Figures Appear |
|                              |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                              |                       | US-10/251,493                            | 09-20-2002                     | Boorman et al.                                     |   |
|                              |                       | US-10/746,883                            |                                | Boorman  |   |
|                              |                       | US-10/746,912                            |                                | Boorman  |   |
|                              |                       | US-10/787,644                            |                                | Tafs et al.  |   |
|                              |                       | US-10/798,749                            |                                | Sandell et al.                                     |   |
|                              |                       | US-10/814,369                            |                                | Chen et al.  |   |
|                              |                       | US-10/814,494                            |                                | Gunn et al.  |   |
|                              |                       | US-10/815,034                            |                                | Crane et al.                                       |   |
|                              |                       | US-2003-0058134                          | 03-27-2003                     | Lance Sherry                                       |   |
|                              |                       | US-2003-0132860                          | 07-17-2003                     | Thea Feyereisen                                    |   |
|                              |                       | US-2003-0229426                          | 12-11-2003                     | John Griffin                                       |   |
|                              |                       | US-2004-0059474                          | 03-25-2004                     | Daniel Boorman                                     |   |
|                              |                       | US-3,191,147                             | 06-22-1965                     | Majendie   |   |
|                              |                       | US-4,247,843                             | 01-27-1981                     | HARRY MILLER                                       |   |
|                              |                       | US-4,325,123                             | 04-13-1982                     | DONALD A. GRAHAM                                   |   |
|                              |                       | US-4,860,007                             | 08-22-1989                     | MICHAEL L. KONICKE                                 |   |
|                              |                       | US-5,420,582                             | 05-30-1995                     | WOLFGANG KUBBAT                                    |   |
|                              |                       | US-5,715,163                             | 02-03-1998                     | ERIC S. BANG                                       |   |
|                              |                       | US-5,978,715                             | 11-02-1999                     | MICHEL BRIFFE                                      |   |
|                              |                       | US-6,057,786                             | 05-02-2000                     | MICHEL BRIFFE                                      |   |
|                              |                       | US-6,085,129                             | 07-04-2000                     | MICHAEL T. SCHARDT                                 |   |
|                              |                       | US-6,112,141                             | 08-29-2000                     | MICHEL BRIFFE                                      |   |
|                              |                       | US-6,188,937                             | 02-13-2001                     | LANCE C. SHERRY                                    |   |
|                              |                       | US-6,389,333                             | 05-14-2002                     | R. JOHN HANSMAN                                    |   |
|                              |                       | US-6,745,113                             | 12-11-2003                     | John Griffin                                       |   |

| <b>FOREIGN PATENT DOCUMENTS</b> |                       |   |                                |  |  |
|---------------------------------|-----------------------|---|--------------------------------|--|--|
| Examiner Initials*              | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or Relevant Figures Appear |
|                                 |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |  |
|                                 |                       | WO-02/24530   | 03-28-2002                     | Honeywell International Inc.                       |  |
|                                 |                       | EP-0 489 521  | 06-10-1992                     | Smiths Industries Public Ltd Co                    |  |
|                                 |                       | EP-0 370 640  | 05-30-1990                     | Smiths Industries Public Ltd Co                    |  |
|                                 |                       | GB-886,136  | 01-03-1962                     | Majendie   |  |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

|                    |  |                 |
|--------------------|--|-----------------|
| Examiner Signature |  | Date Considered |
|--------------------|--|-----------------|

|                                 |   |    |   |                          |                        |
|---------------------------------|---|----|---|--------------------------|------------------------|
| Substitute for form 1449A/B/PTO |   |    |   | <b>Complete if Known</b> |                        |
|                                 |   |    |   | Application Number       | 10/814,494-Conf. #6456 |
|                                 |   |    |   | Filing Date              | March 31, 2004         |
|                                 |   |    |   | First Named Inventor     | Peter D. Gunn          |
|                                 |   |    |   | Art Unit                 | 2641                   |
|                                 |   |    |   | Examiner Name            | Not Yet Assigned       |
| Sheet                           | 2 | of | 2 | Attorney Docket Number   | 030048122US            |

| <b>NON PATENT LITERATURE DOCUMENTS</b> |                       |   |                |
|--|-----------------------|---|----------------|
| Examiner Initials                      | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|  |                       | Lindenfeld, Ron, "What is an FMS?", Flight Management Systems (5 pages);<br><a href="http://www.ultranet.com/~marzgold//FAQ-FMS.html">http://www.ultranet.com/~marzgold//FAQ-FMS.html</a> ; [Accessed 6/3/02]   |                |
|  |                       | 777 Flight Deck (1 page); <a href="http://www.meriweather.com/777/777_main.html">http://www.meriweather.com/777/777_main.html</a> ; [Accessed 1/28/03]  |                |
|  |                       | Hutchins, Edwin, "The Integrated Mode Management Interface," Department of Cognitive Science, University of California, San Diego, September 17, 1996   |                |
|  |                       | Meriweather's Flight Deck Acronyms & Definitions (4 pages);<br><a href="http://www.meriweather.com/fd/def.html">http://www.meriweather.com/fd/def.html</a> ; [Accessed 6/3/02]  |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

|                    |                 |  |
|--------------------|-----------------|--|
| Examiner Signature | Date Considered |  |
|--------------------|-----------------|--|